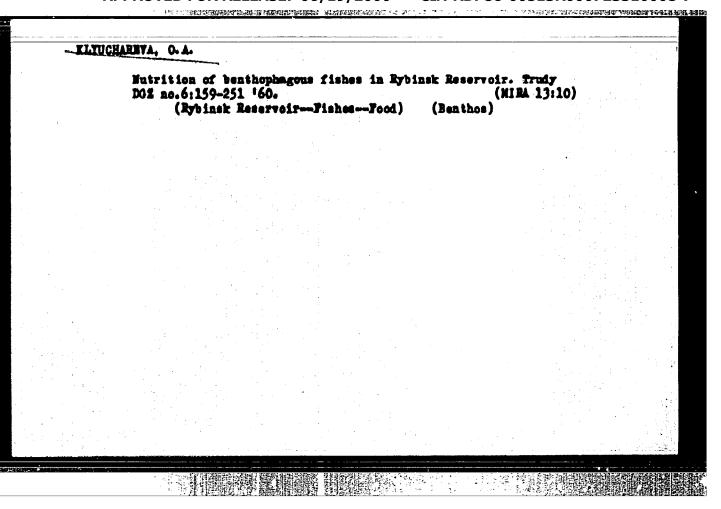
MIKOL'SKIY, G.V.; VERIGIN, B.V.; KLYUCHAREVA, O.A.

Fishery management in the middle and upper Amur Basin in connection with the planned hydraulic construction work. Zool.shur. 39 no.3: 407-416 160, (MIRA 13:6)

1. Chair of Ichthyology, and Agrobiological Station of the Moscow State University.

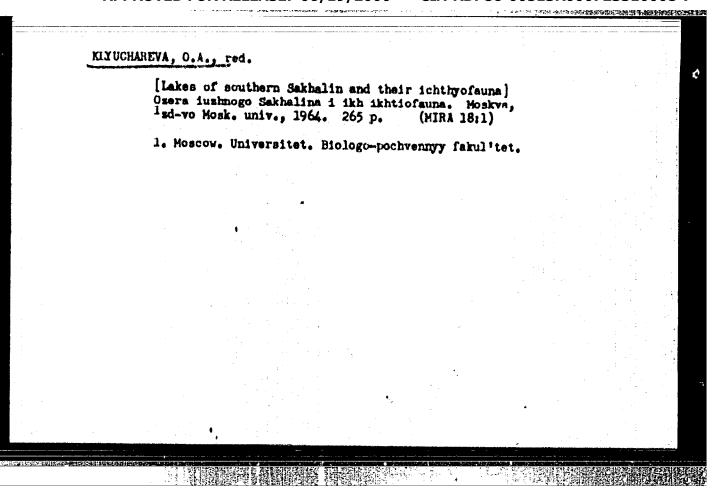
(Asur River-Fisheries--Research)

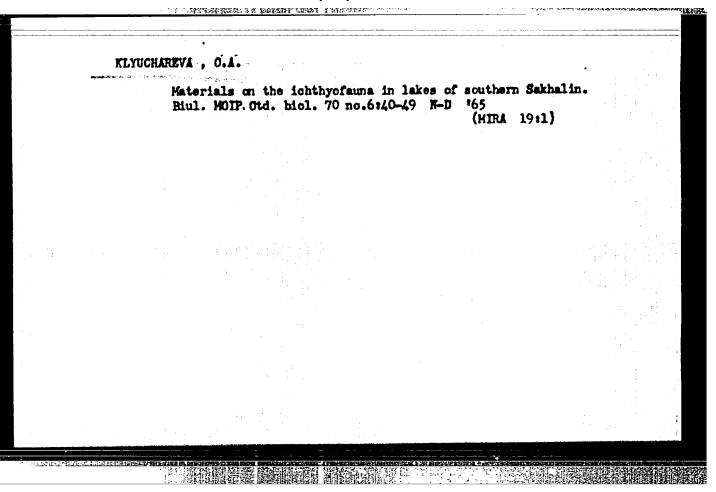


 KLTUCHA	LEBYA, O.A.				
	Xeservolr	eding of the young-of-the Trudy DGE no.6:335-343 Rybinsk ReservoirBrean Rybinsk ReservoirBrean	160.	(MIRA 13.10)	
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er.			en e		

KLYUCI	HARBYA, VO.A.	en e
	Descent and diurnal vertical migrations of bottom inverting the Amur River. Vop. ekol. 5:97-98 162.	(MIRA 16:6)
	1. Moskovskiy gosudarstvennyy universitet. (Amur RiverInvertebrates)	

KLYUCHAREVA, O.A. Downstream and diurnal vertical migrations of benthic invertebrates in the Amur River. Zool. shur. 42 no.ll:1601-1612 '63. (MRR 17:2) 1. Department of Ichthyology, State University of Moscow.





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KLYUCHAREVA, S.G., aspirant

Diagnostic importance of determing the protein fractions and similar acid in "pulseless diseases". Kas.med.shur. no.3:55-57
My-Je '62. (MIRA 15:9)

1. Kafedra fakul'tetskoy terapii (sav. - prof. Z.I.Malkin) Kasanskogo meditsinskogo instituta. (BLOOD PROTEINS) (NEURAMINIC ACID) (PULSE)

KLYUCHAREVA, S.Q. Pirst experience in certifying the physicians of the Tatar A.S.S.R. Kas.med.ahur. no.1:74-76 Ja-F:63. (MIRA 16:8) 1. Clavnyy terapevt Ministerstva sdravookhraneniya Tatarskoy SSSR. (TATAR A.S.S.R.—PHIBICIANS)

MALKIN, Z.I.; SHCHERBATKHKO, S.I.; BEREZOVSKIY, B.S.; KLYUCHAREVA, S.G.; SALAMATIMA, V.V. (Kasan')

Therapoutic tactics in the treatment of an apple 161.

(MIRA 16:4) Therapeutic tactics in the treatment of rheumatic endomyocarditis

(RHEUMATIC HEART DISEASE)

生产与工作体的主要的原则,这种数据的数据数据数据数据数据数据的的影响。 如果这个种类的现在分词,并不是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个

KLYUCHAREVA

USSR / Microbiology. Sanitary Microbiology. Micro-

biology of Food Products.

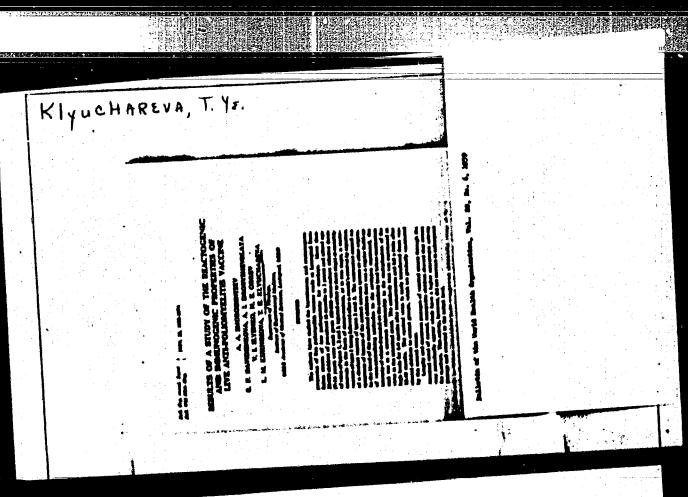
Abs Jour: Ref Zhur-Biol., No 2, 1959, 5520.

Author | Klyuchareva, T. Ye., Polyakova, A. S.; Yesikova,

: On the Suitability of the Method of Agglutination on Class (Huddleson Reaction) for Deter-Inst mination of the Contamination of Wilk Products. Title

Orig Pub: Zh. mikrobiol., epidemiol. 1 imunobiologii,
1957 NO 9, 30. Abstract: Tests were carried out with fermentation of milk samples with a nesstive Huddleson reaction to establish the relationship between a positacidity of dairy products. All the samples pro-THE WALL OF STREET

Card 1/2



APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00512R090723310008YANISHEVSKAYA, M.N.; DUBOVITSKAYA, H.K.; KLYNGHAREYA, T. 1993
PEKSHEVA, M.H.; SAMOYLOVA, Z.Ya.; TYUNEYEVA, G.A.

Difficulties in diagnosing some atypical dysenterial bacteria. Med. shur. Usb. no.2:20-22 F 162.

1. Is kafedry mikrobiologii (sav. - prof. P.F.Samsonov) Tashkentskogo gosudarstvennogo meditsinskogo instituta i laboratoriy gorodskoy i g

AKMINDOV, N.A. TIMBHAREVA, 7.Ye.; SAMSCHOV, P.F.; TANISLAVSKAYA, M.S.

Specific phages in the diagnosis of bacterial dysentery. Report
No.1. Nauch. trudy uch.i prak.vrach.Usb. no.32151-197 '62.

(MTA 16:2)

1. Is kafedry mikrobiologii Tashkentakogo gosudarstvennogo
nediteinakogo instituta (sav. - prof. P.F. Samsonov) i Chlastnoy
sanitarno-spidemiologicheskoy stanteii Tashkenta (sav. S.I.
Nydel'nant)

(MACTERIOPHACE)

(MISSETERI)

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CLESS CONTROL TO THE PROPERTY OF THE PROPERTY

AKHMEDOV, M.A.; KLYUCHAREVA, T.Ye.

Identification of Schmits-Stutser's and Flexmer's dysenteric bacteria by the use of bacteriophage. Report No.2. Meuch.trudy uch.i prak.vrach.Usb. no.3:158-162 '62. (MIRA 16:2)

l. Is kafedry mikrobiologii Tashkentakogo gosudarstvemogo meditsinskogo instituta (1800 - Zaslushemnyy deyatel nauki, prof. P.F. Semsonov) i bakteriologicheskoy laboratorii oblastnoy sanitarno-epidemiologicheskoy stantaii Tashkentakogo obnoy sanitarno-epidemiologicheskoy stantaii Tashkentakogo oblastnogo otdela sdravookhranemiya (2800 - S.I. Eydel nant). (BACTERIOPHAGE) (SHIGELLA)

DETCHMAN, Q.I.; KLYUCHAREVA, T.Ye.

Prevention of tumors in bansters infected with the SV40 virus.

(MIRA 18:4)

Vest. AMN SSSR 19 no.6:72-75 '64.

1. Musey opukholerodnykh virusov Instituta eksperimental'noy i klinicheskoy onkologii AMN SSSR, Moskva.

PORCHAREVA, Te. D., dotsent; ELYUCHAREVA, Is. A.; MAKAROVA, K. A.;

So-called cetoblastic forms of metastatic cancer. Terap. 34
no.1:100-105 '62.

1. Is 4-y infedry terapii (sav. - chlem-horrespondent AMS SSR
prof. F. I. Tegorov) Tentral'nogo instituta usovershenstvovaniya
vrachey na base Tentral'nog vinitcheskoy bol'nitsy.

(BONES—CANCER)

RABUKHIN, A.Ys.; KLIUCHAREVA, Ye.A.; KULAKOVA, A.A.; LAMBINA, A.G.;
KLIVELEVA, A.S.; REPLOUP, F.F.; RODIONOVA, T.V.; SAFAROV, R.S.;
SEMINA, A.M.; YAKOVLEVA, T.A.

Clinical and epidemiological characteristics of tuberculosis
in elderly persons. Trudy TSIU 63:14-19 '63.

1. Kafedra tuberkulesa Tsentral'nogo instituta usoverahenstvovaniya vrachey.

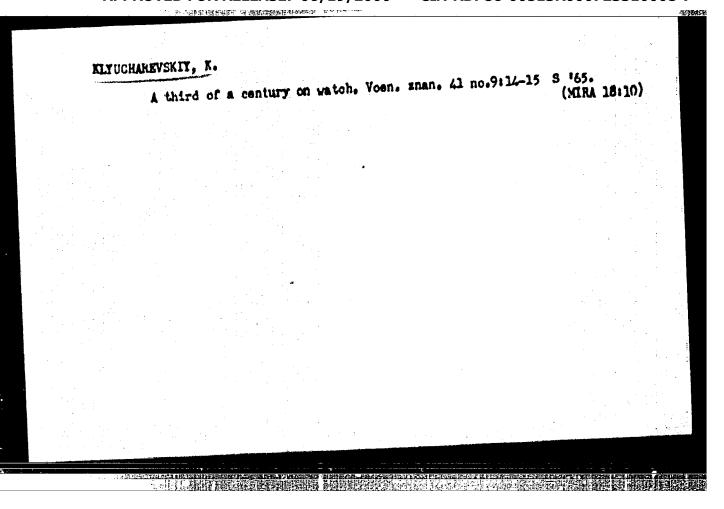
RABUKHIN, A.Te.; KINUCHARKVA, Ye.A.; LAMBINA, A.G.; MEDVEDEVA, A.S.;
REFEDOV, A.F.; RODIONOVA, T.V.; SEMICHA, A.M.;
YAKOVIEVA, T.A. (Moskva)

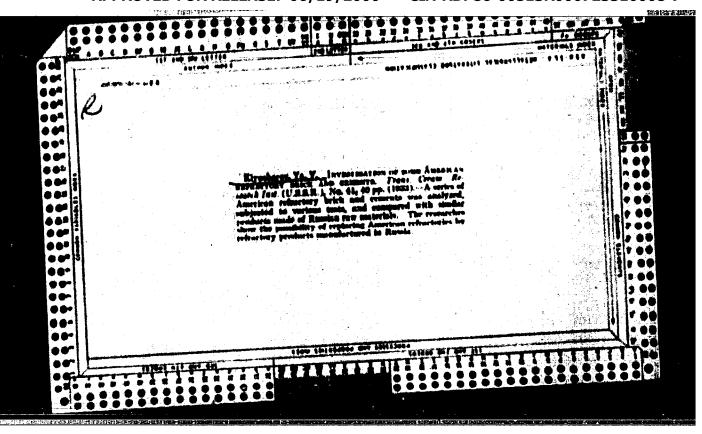
Tuberculosis of the lungs in old age. Klin. med. 40 no.12:
(MIRA 17:2)

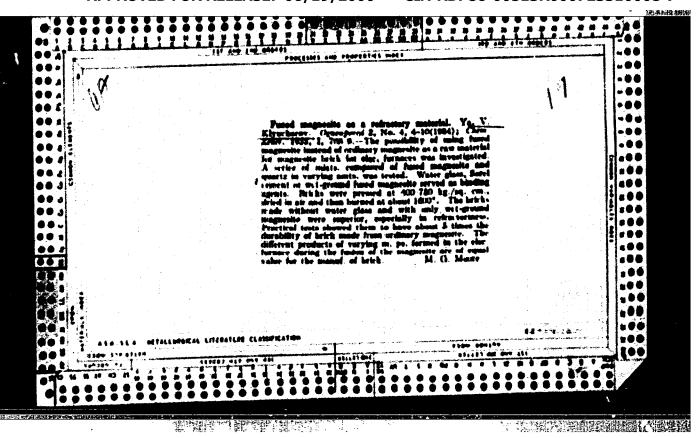
1. Is TSentral'nogo instituta usovershenstvovaniya vrachey.

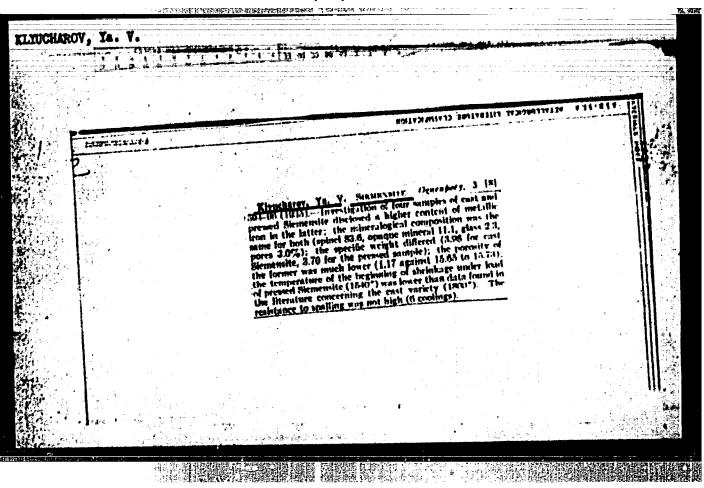
BEL'KEVICH, V.I.; SV. DEDUSKATA, V.F.; BELETSKIY, Ye.L.; DOERINA, S.K.;
KLYUCHAREVA, Z.5.

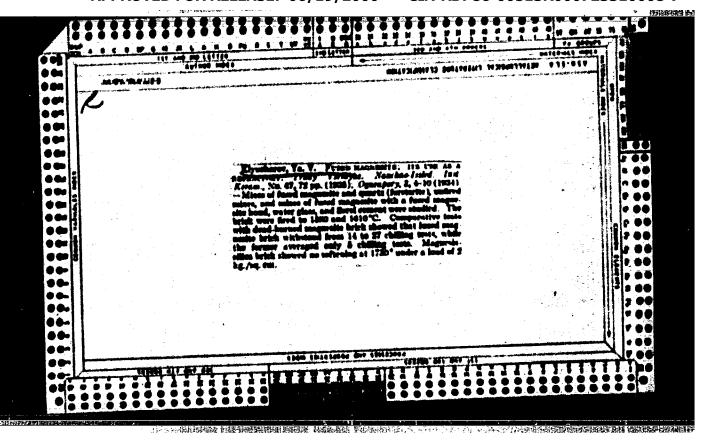
Effect of ultrasonic vibrations on biological microscopic preparations. Trudy VNIINIO no.3:55-61 '63 (MIRA 18:2)

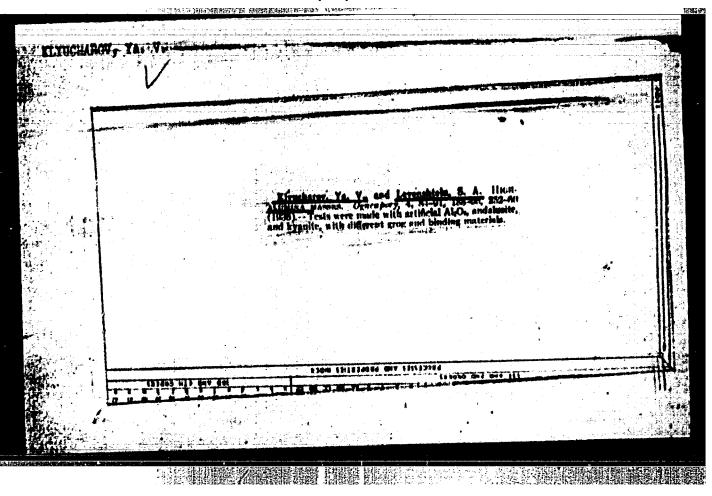


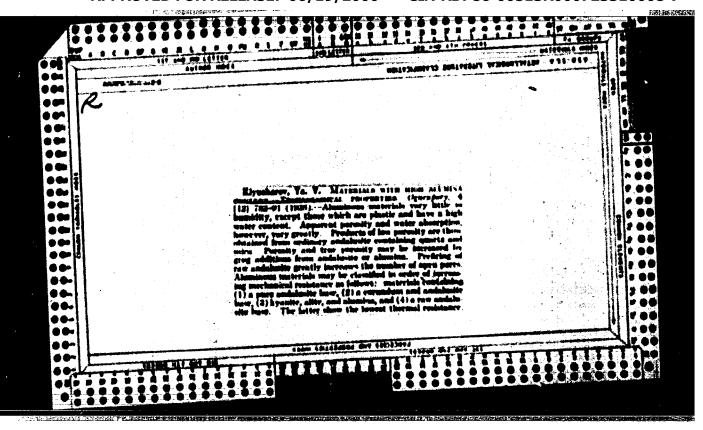


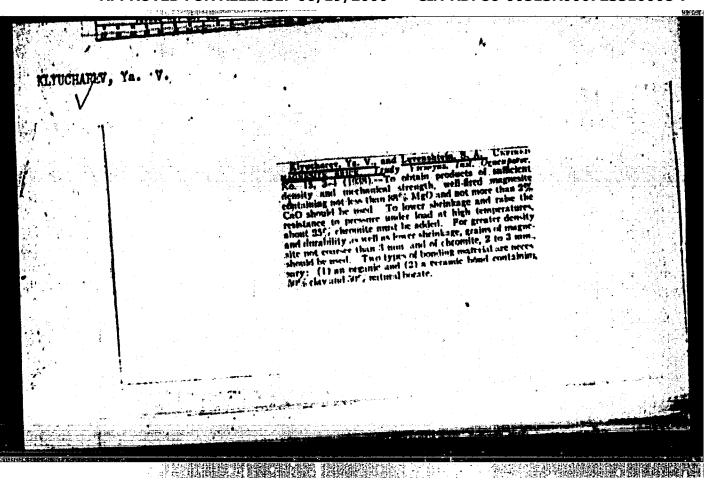


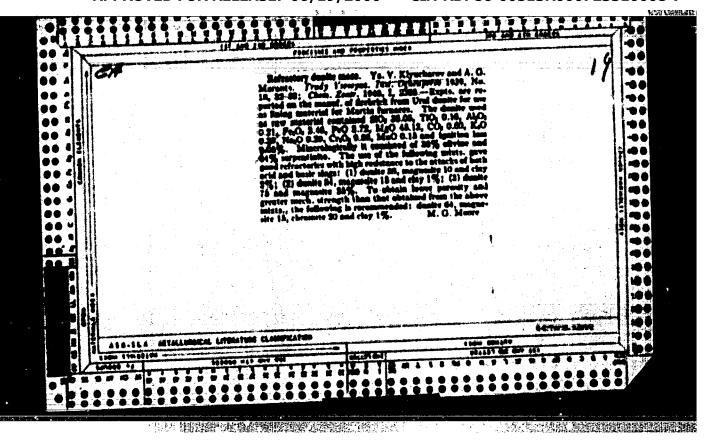


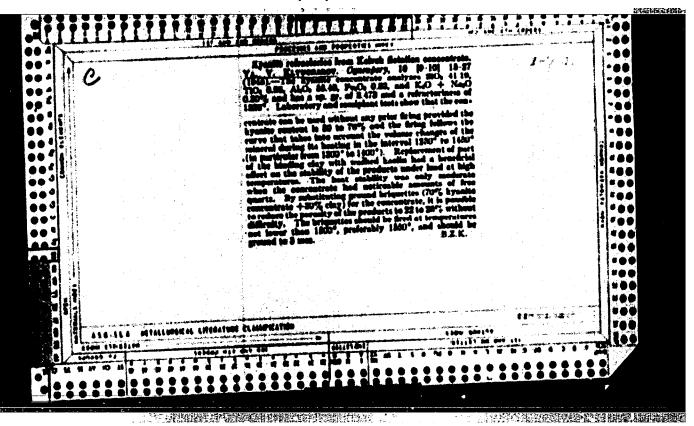






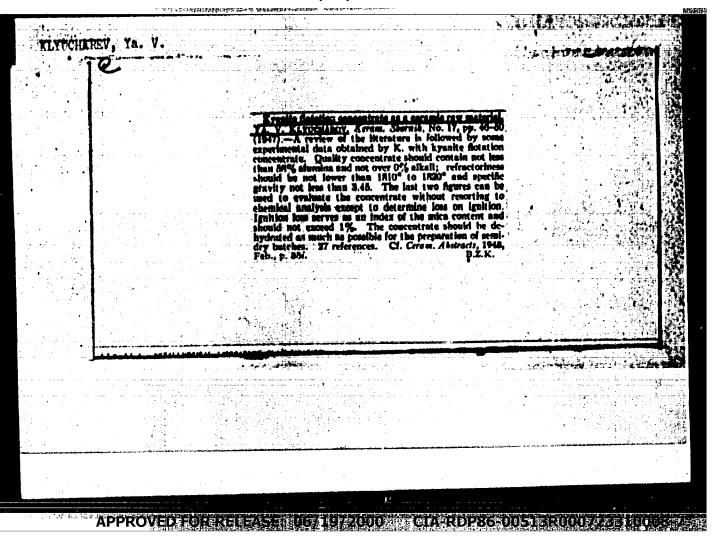


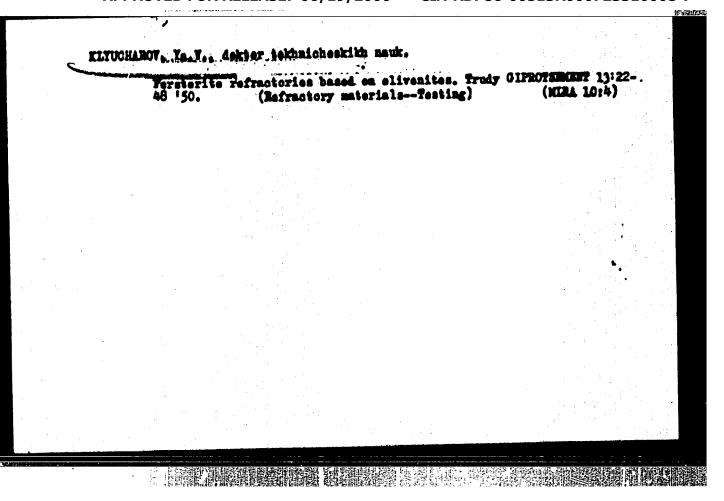




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CIA-RDP86-00513R000723310008-7





- 1. KLTUCHAROV, YA. V., Prof.; IL'IN, N. V., Eng.
- 2. USSR 600
- 4. Refractory Materials
- 7. Wear of chrome-magnesite refrectories in the burning some of rotary kilns, TSement, 18, No. 6, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

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15-57-4-4656

Referativnyy zhurnal, Geologiya, 1957, Nr 4, Translation from:

p 95 (USSR)

Klyucherov, Ya, V., Il'ina, N. V., Mikhaylova, N. K. AUTHORS:

Alteration of the Phase Composition and the Technical Properties of the Nonfired Chrome-Magnesite Refractory TITLE:

Material Used in a Rotary Cement Kiln (Izmeneniye

fazovogo sostava i tekhnicheskikh svoystv bezobzhigovogo khromomagnezi tovogo ogneupora pri sluzhbe v tsementnoy

vrashchayushcheysya pechi)

Tr. Gos. Vses. in-t po proyektir. i nauch-issled. rabotam v tsement. prom-sti, 1956, Nr 19, pp 54-66. PERIODICAL:

Bibliographic entry ABSTRACT:

Card 1/1

CIA-RDP86-00513R000723310008 APPROVED FOR RELEASE: 06/19/2000

SOV/137-59-1-58

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 1, p 8 (USSR)

AUTHORS: Klyucharov, Ya. V., Mikhaylova, N. K.

TITLE:

Thermal Expansion of Lining Materials in the Sintering Zone of Rotary Cement Kilns (Teplovoye rasshireniye futerovochnykh materialov zon spekaniya tsementnykh vrashchayushchikhsya pechey)

PERIODICAL: Tr. Gos. Vses. in-t po proyektir. i nauchno-issled. rabotam v tsementn. prom-sti, 1958, Nr 20, pp 31-45

ABSTRACT: Experimental work was carried out on the determination of thermal expansion (E) of chrome-magnesite brick (CB) KhM-4 and of mortars of various composition. Two types of blocks for model brickwork were used, namely, blocks 20x20x23 and 20x20x24-mm size, sawed out of CB and joined with 3-mm mortar seams. Fresh mortar was prepared from magnesite, chrome-magenesite, and caustic magnesite which were mixed with sintering additives (metal filings or pyrite cinders); the grain-size composition of the mixture was variable. Experiments were also conducted in replacing mortar with metal plates (2 mm). Mortar burned at 1450°C and unburned Card 1/2 mortars were tested. The following conclusions were drawn on the

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SOV/137-59-1-58

Thermal Expansion of Lining Materials in the Sintering Zone of Rotary Cement Kilns

basis of the experiments: Thermal E of magnesite and chrome-magnesite mortars with filing added exceeds the E of CB, whereas E of mortar with addition of pyrite cinders at >1250° is:lower than of brick, which partially compensates the free E of the brick. When metal plates are used the thermal E of the brickwork is only slightly different from the E of CB. Changes in the linear dimensions of magnesite and chrome-magnesite mortars after service in rotary kiln are related to the change in the phase composition of the seam. In the cold zones of the lining heated to 500 - 600°C the mortar changes but little in volume; above 500 - 600° thermal E sharply increases (attaining 5%), more especially with elevated Fe oxide content in the mortar; in the hot areas the E of the mortar attains 1.6 - 2.2%; at >1200 - 1300° temperatures the mortar begins to contract, compensating for the expansion of the CB. Thermal E of the Podolskiy-plant mortar made of caustic magnesite with additions of pyrite cinders is 60% less than the E of chrome-magnesite mortars.

N.M.

Card 2/2

17.4311 15 35

83192 8/081/60/000/013(1)/010/014 A006/A001

Translation from: Referativnyy zhurnal, Khimiya, 1960, No. 13(1), p. 447, # 53442

AUTHORS:

Klyucharov, Ya. V., Levenshteyn, S. A.

TITLE:

The Effect of the Conditions of Magnesia-Clay Spinel Synthesis on the Technical Properties of Products

PERIODICAL: Tr. Leningr. tekhnol. in-ta im. Lensoveta, 1959, No. 57, pp. 50-64

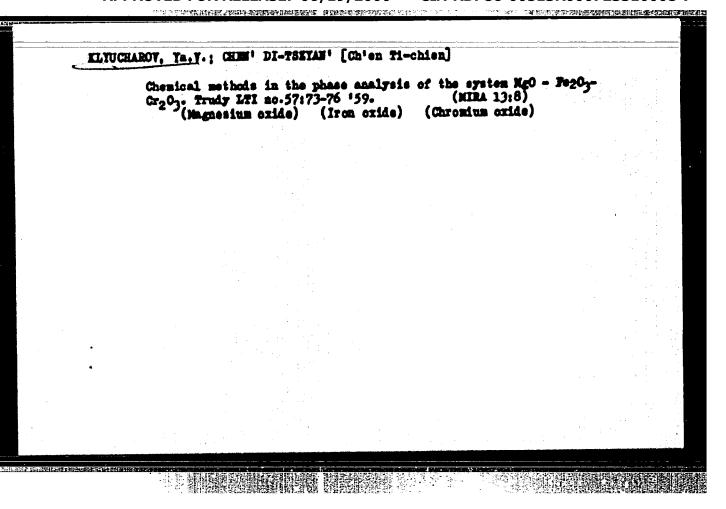
TEXT: The authors studied the effect of mineralizing additives such as CaF, and TiO₂ on the synthesis process and the properties of spinel refractories. Dispersion parameters (limit size of grains 60/M, fractions below 1/M, 25-30%) are determined making the addition of 3% TiO₂ and CaF₂ sufficient to reduce the synthesis temperature to 1,450°C. It is established that TiO₂ forms Mg titanates which partially pass into solid solutions with the spinel; at about 950°C, CaO is formed from CaF₂ and bound with Al₂O₂ into aluminates. CaF₂ causes a less compact structure but a better heat resistance of the product than titanium dioxide. The method of introducing mineralizers affects the technical properties of the products: their structure is improved, mechanical strength and heat

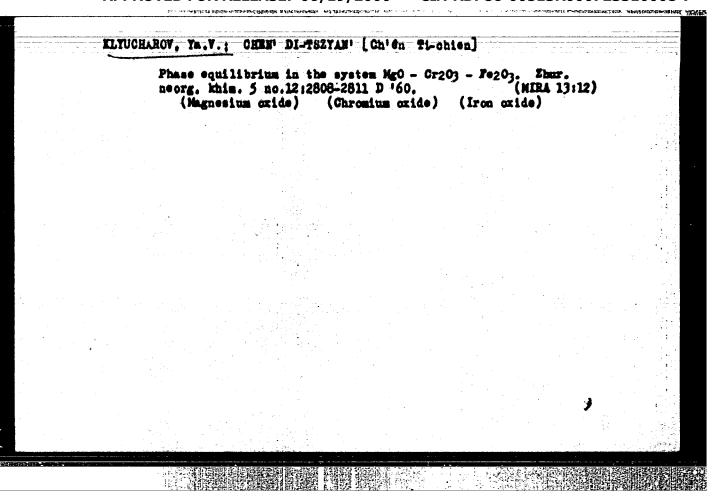
CardA PROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723310008-7

Periclase dement and its properties. Trudy LTI no.57:65-72 159.

(Cement) (Periclase)





1. Leningradskiy tekhnologioloskiy institut im.Lenacysta (jor Khymolarov). 2. Khimiko-takhnologisheskiy institut Vost o zoro Kitaya, Kitayakaya Marednaya Respublika (for Chen! Di stayant). (Magnesium chronica) (Iron oxide)		Reaction of magnessium chronite with iron exide and the properties of the reaction products. Ognoupory 25 nc.	12:772-575 (C.) (CDA 14:1)	
		1. Leningradskiy tekhnologich oskiy institut im. Lencove Klandingov). 2. Khimikowickhnologich antitut Ve	ta (lov	
				i is

36342 8/081/62/000/005/067/112 B156/B108

15. 2230

AUTHORS: Klyucharov, Ya. V., Levenshteyn, S. A.

TITLE: Improvement of spinel-periolase refractories engineering

PERIODICAL: Referativnyy shurnal. Khimiya, no. 5, 1962, 434-435, abstract 5K330 (Tr. Leningr. Tekhnol. in-ta im. Lensoveta, no. 52, 1961, 169-178)

TEXT: The effects of the following factors on the technical properties of spinel-bound magnesite have been investigated: the nature of the alumina and magnesite, the mineralizers used, the grain composition of the magnesite, the amount of alumina used, and the fineness of the ground spinel mixture. To make the refractories more neat-resistant it is recommended that pure "electric furnace" (80-82%) magnesite produced in a tube furnace, and alumina calcined at 1300-1400°C (8-10%) should be used; it is also recommended that the composition should be moderately coarse-grained, with (10% of 3-4 mm grains and >40% of fine fractions, and that a dry spinel mixture, moderately finely ground, with a maximum grain size of 90% and a 10-15% content of (5)% fraction should be used. To Card 1/2

Improvement	of spinel-periclase	8/081/62/000/005/067/112 B156/B108
	ity it is recommended that [Abstracter's note: Comp.	~2% of TiO ₂ should be used as lete translation.]
Card 2/2		

KLYUCHAROV, Ya.V.; YEOER, V.G.

Interaction of magnesite-chronite with calcium oxide. Ognespory 28 no.3: 126-133 '63. (MIRA 16:2)

1. Leningradskiy tekhnologicheskiy institut im. Lensoveta.
(Refractory materials) (Calcium oxide)

KLYUCHAROV, Ya.V.; SKUBLO, L.I. Aluminosilicate concrete with soluble glass. Ogneurory 29 no.612 44 258 164. 1. Laningradakly tekhnologicheskiy institut im. Lensoveta.

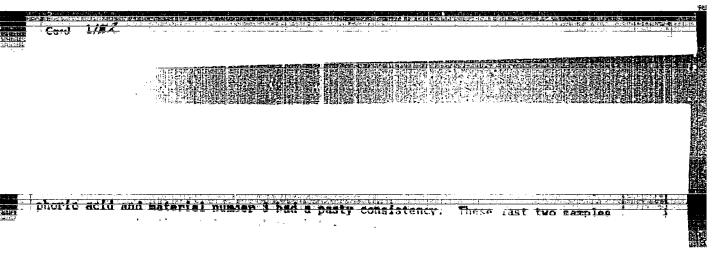
KLYUCHAROV, Ya.V.; SKOBLO, L.I.

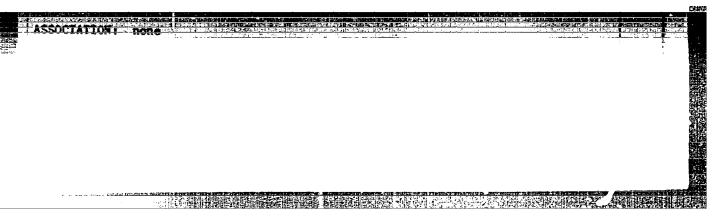
Aluminum phosphates Al203. 3P205 and the in eraction of Al4(P4012)3 with fused potassium chloride. Dokl. AN SSSR 154 no. 3:634-637 Ja 164. (MIRA 17:5)

1. Leningradskiy tekhnologicheskiy institut im. Lensoveta. Predstavleno akademikom I.V.Tananayevym.

Erreston NP: Apsocrats

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12060-66 EMP(a)/EMT(a)/T/EMP(b) IJP(c) JD/Mi CCC NR. AP6001308 SOURGE CODE: UR/0363/65/001/008/1403/1409 44 58	
AUTHOR: Klyucharov, Ya. V.; Suvorov, S. A.	· a
ORG: Leningrad Technological Institute im. Lensovet (Leningradskiy tekhnologicheskiy	
FITLE: Formation and technical properties of solid solutions in the MgO-Al ₂ O ₃ -Cr ₂ O ₃ system	Constant of the Constant of th
SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 1, no. 8, 1965, 1403-1409	
OPIC TAGS: magnesium oxide, aluminum oxide, chromium oxide, refractory compound, colid mechanical property, solid solution	
ABSTRACT: The process of binding of magnesium oxide and the formation of solid solutions in the MgO-Al ₂ O ₃ -Cr ₂ O ₃ system were studied by phase chemical, x-ray diffraction, and nicroscopic analyses. Three compositions $Mg(Al_{1},Cr_{2})$, where x = 0.2, 0.5, and 0.8, btained from pressed and sintered oxide powder mixtures, were investigated. The following equence of formation of solid solutions is proposed: the two spinels $MgAl_{2}O_{4}$ and $MgCr_{2}O_{4}$ reformed first, then solid solutions arise at the site of their contact. No solid solutions of $Cr_{2}O_{3}$ and $Al_{2}O_{4}$ were observed. The formation of solid solutions ends at 1400°C. Thus, brown to oxide the expression of the contact	
he phase transformations studied appreciably affect the technical properties of the products.	
he phase transformations studied appropriately effect the technical property of the second studied appropriately effect the technical property of the second studied appropriately effect the technical property of the second studied appropriately effect the technical property of the second studied appropriately effect the technical property of the second studied appropriately effect the second studied stu	

SOURCE CODE: UR/0131/67/000/001/0055/0060 ACC NR: AP7005314 Klyucharov. Ya.V.; ral', O.A. AUTHOR: ORG: Leningrad Technological Institute im. Lensovet (Leningradskiy teknologicheskiy institut) TITLE: Technical properties of composition of the MgO-Cr203-ZrO2 system SOURCE: Ogneupory, no. 1, 1967, 55-60 compressive strength. TOPIC TAGS: refractory metal, porosity. metal deformation, magnesium oxide, chromium oxide, zirconium metal bonding oxide, ABSTRACT: It is well known that because of some specific properties, high-multing Mg, Cr, and Zr oxides cannot be used individually for the preparation of refractories. Refractories with desirable properties may be obtained from mixtures of preliminarily heat-treated MgO, Cr2O3, and ZrO2. The main purpose of this article is to study the technical properties of compositions containing MgO in amounts enough to bond completely Cr203 into MgCr204 and to stabilize ZrO2. The ultimate compression strength, apparent density, apparent porosity, temperature of deformation under stress, linear setting, and chemical stability with respect to CaO and Fe2O3 were determined for ... UDC: 666.76.001.5 **Card** 1/4

The 'cine was	speciment d ZrO ₂ , obtained	s were obtaing calcined (at by sintering osition of the Properties	Gr ₂ O ₃ —ZrO ₂ and by sinter 1300 and 160 g mixtures of the composition of the composit	fing DOG) f pur ies b	MgO, a e MgO efore ons are	and MgCr ₂ and Cr ₂ 0 and after shown	O3. T 3 at 1 2 firi n Tabl	he late 400 and	ter d given	
•			Composition Initial com	or s	ipecime	Final phas	e comp	osition	1	
1	Group	No Specimen	Mono clinic ZrO2		Cr ₂ O ₃		HgCz ₂ Q	MgO		1
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	n.	10 13 15	31.7 15.0	15.6 29.4 21.0	55.6	33,2 15,8	66.8 70.3 100.0	.13,9		_
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	Table. 2. Properties of	the	npeci		after roup		ing nt	1730C	i		
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į.	Properties	7	9	5pe	clpe 10	13	15	14	1		
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	Apparent density g/cm3	5,3	5,1	4,4	4,6	4,2	3,7	3,9	5	**	1
	Ultimate compression strength kg/cm ²	4500			not		not	4500		**************************************	

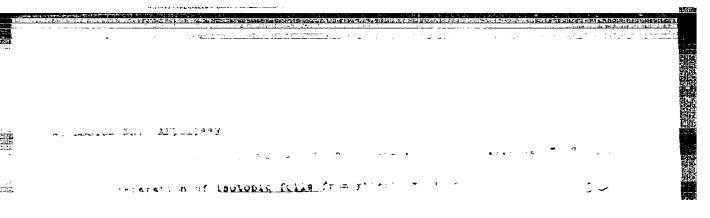
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		7	9	12	10	13	15*1	14.2	14.3		
	Temperature of deformation	> 1800	1770	1780	1740	1730	1666		1720		
	under load 2 kg/cm ² , C Linear setting, T	19,1	•	16,6				8,8	9,2		
	Apparent porosity, %	2,2	4,4	6,4	17,7		1	10,5	10,9		
	Apparent dengity (volume veight) g/cm	5,2	4,7	4,3	3,9	3,4	4.5	3,7	3.6	j :	
•	Ultimate compression	3600	34300	3400	3400	2500	1100	1600	3700		
,	strength kg/cm4 · · · · ·))	-	i. I	. !	•	I , , (•		
	Al Literature data	ΔΔ.		•					•		
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KLYUCHAROV, Yu.V., SKOBLO, L.I.

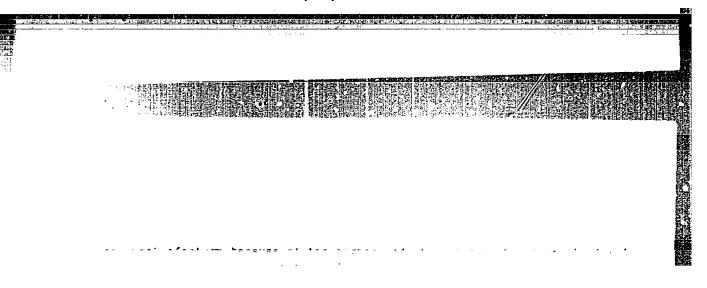
Composition of the solidification products of an aluminophosphate binding in refractory corundum mass. Zhur. prikl. khim. 38 no.3:520-526 Mr '65. (MIRA 18:11)

1. Submitted January 21, 1963.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723310008-7"









ACC NR: AP6028716	SOURCE CODE: UR/0185/6	6/011/008/0924/0925	1
AUTHOR: Kovalenko, L. I.	Karyev, V. M.; Klyucharyev, O. P.	13 B	
	titute, AN Ukr88R, Khar'kov (Fisyko-tel	khnichnyy instytut AN	
URSR)	27 27		٠
TITLE: The production of ve	madium, niobium, and tantalum foil		
SOURCE: Ukravina'kvv fizvo	hnyy zhurnal, v. 11, no. 8, 1988, 924-6)25	
TOPIC TAGS: metal foil, for	il production, vanadium, niobium, tantal	um,	
ABSTRACT: The aim of this	work was to produce free foil of vanadit	ım, niobium, and tantalum	
for nuclear and possibly other	r studies. A variation of the Van-Arkel	method of thermal de-	
uniform thickness in two star	se metals was used to produce foil of gre ges: (1) deriving pure iodides of Va, Nb,	and Ta and (2) thermal	
decomposition thereof to for	m the foil. Vanadium diiodide, niobium	pentalodide, and tantalum	
pentaiodide were placed in a	device consisting of a vacuum chamber, heated iodides were decomposed and the	orucible, crycible cover,	Γ
posited on the cover, the ma	terial of which has to fulfill the following	g conditions: (1) have a	
melting temperature higher	than that of the iodide in question, (2) be	subject only to weak iodid	1
Card 1/2			

生产生工作的企业的通知的基本的通过基础的工程的服务(图由标题)现在的基本的工作的主义的工作,这个工作的工作。这种工作的基础的工程的对象的现在分词,但是一个工作的工

as the denos	ited fo	decomposition temperatured. A beryllium cover was	es, and (3) no	ot be at	tacked by the se	ime solvents
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SUB CODE:	11/	SUBM DATE: 06Apr66/	ORIG REF:	007/	OTH REF: 00	1
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Card 2/2						

Product Sakh. P	ion and maintenance stands rom. 32 no.8:44-45 Ag 55	ords for PS-1200 ce	ntrifugals. (NIRA 11:9)
1.Ramon	skaya normativno-issledova (Sugar machinery)	tel'skaya laborato	riya po trudu.
		\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	

Change-over to the seven-hour day in the sugar industry; a discussion. Bakh.prom. 32 inc.10/62-65 0 '58. (NIEA 11:1) 1. Ramonakaya normativno-isaledovatel'akaya laboratoriya po trudu. (Hours of labor) (Sugar industry)

Improvement of laber conditions and working accommodations.

Improvement of laber conditions and working accommodations.

Sakt, prom. 33 ne.4:53-54 Ap '59. (NIRA 12:6)

1.Ramonskaya normativno-isoledovatel'skaya laboratoriya pe trudu.

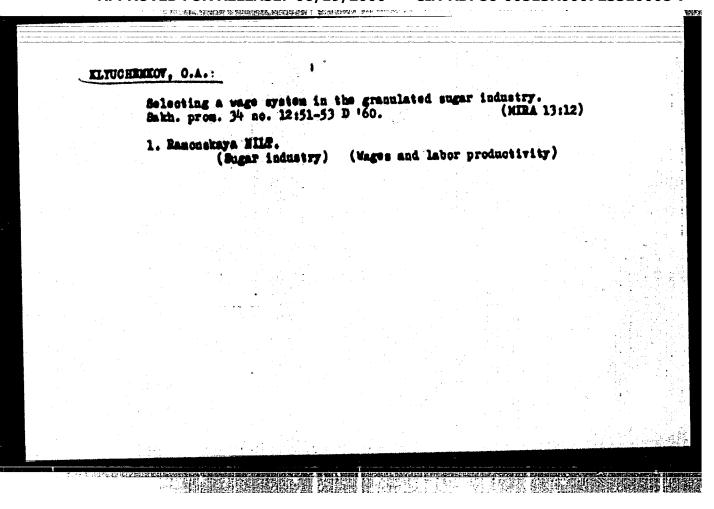
(Sugar industry)

ELYUCHERECT, O.A.

Mechanisation of the repair of packing bags. Sakh.pros. 34 no.6:
41 Je '60.

1. Ramonskaya normativno-issledovatel'skaya laboratoriya po trudu.

(Sugar industry--Equipment and supplies)



ACCESSION NR: ARAO15700

s/0081/63/000/023/0470/0470 🖫

SOUNCE: RZh. Khimiya, Abs. 23776

AUMOR: Afenes'yev, P. C.; Klyuchenkova, W. A.

TITLE: Impregnation of graphite with new synthetic resins

CITED SOURCE: Tr. Vees. n.-i. i konstrukt. in-t khim. meshinostr:, vy*p. 42, 1962, 67-75

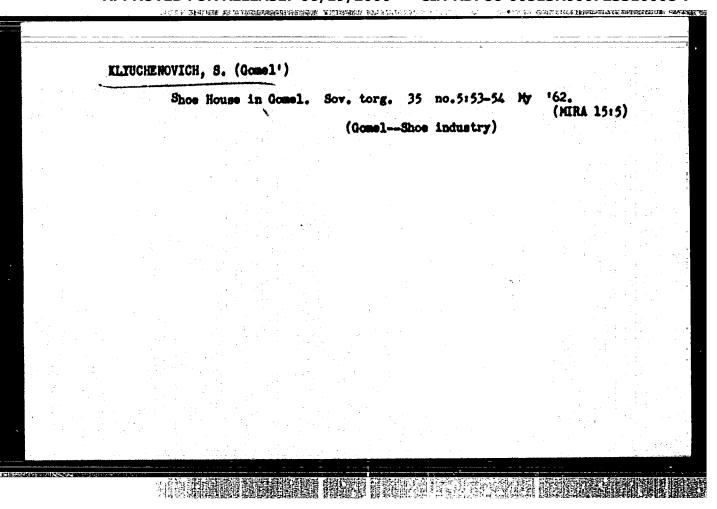
TOPIC TAGS: graphite, graphite impregnation, resin, synthetic resin, polymer

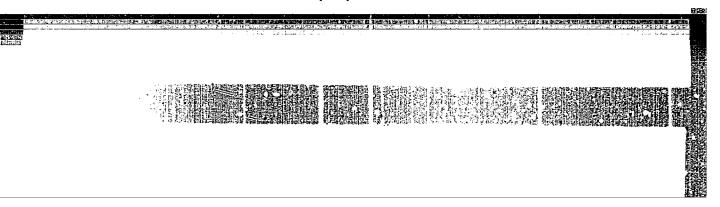
ABSTRACT: Dry graphite parts were placed in an autoclave, and heated to 600 in a vacuum of 730-750 mm/Hg, which was continued for 2 hrs. without heating, after which resin was drawn into the autoclave, air was introduced under a pressure of 5-6 atm. and the pressure was maintained for 3-3.5 hrs. After that, the objects were removed, freed of the resin and again heated at 500 for 1 hr., followed by heating to 1400, increasing the heat at the rate of 100/hr. The emulsifying resin tested was composed of liquid bakelite and vinylchloride lacquer, and furfural acatone. The treatment was repeated twice. After the treatment the objects in creased in weight by 17-212, and became impermable to water under a water pressure

Card 1/2

Cord 2/2

APPROVED FOR RELEASE: 96/19/2000 CIA-RDP86-00513R00072331000





KLYVCHEROV

130-8-10/20 AUTHOR: Klyucherov, A.P. and Makogonov, L.V., Engineers.

Improved Open-hearth Furnace Ends (Usovershenstvovannyye golovki martenovskikh pechey)

PERIODICAL: Metallurg, 1957, No.8, pp. 26 - 27 (USSR).

ABSTRACT: The authors describe a design of open-hearth furnace end adopted at the Mishniy Tagil' Metallurgical Combine in 1954 for 140-ton furnaces fired with mixed (coke-oven and blast furnace) gas. There are three air ports, two of them arched, inclined at 11 to the bath surface and situated on either side of and on the same level as the gas port, and the third above the gas port. Two 1 1/4-inch diameter tubes were provided on wither side of the port for compressed-air injection, and the authors discuss briefly compressed-air injection practice at the Kusnetsk Metallurgical Combine (KMK) (through a slot under the gas port). The Kusnetsk method was less effective than that of injecting the compressed air at the sides of the port, and the latter practice was extended to Venturi furnaces (leading to a 9.5% increase in production per unit working time, compared with one of 11.5% for arch ends). The authors present comparative data on the operation of 140-ton furnaces with various types of head with compressed air injection and also Card 1/2 for a Venturi-end furnace without the injection. The data

AUTHORS:

Klyucherov, A. P., Vydrina, Zh. A.

SCV/131-58-10-7/11

TITLS:

Testing of Dinas Bricks Containing Magnesium and Manganess in the Vaults of Martin Purnaces (Ispytanize dinase s magnesial no-margantsovistoy svyaskoy v svodakh martenovskikh pochey)

PERIODICAL:

Ognoupory, 1958, Nr 10, pp. 476-479 (USSR)

ABSTRACT:

Dinns VID. of high density and with a high silicic acid content was used in the vaults of the Martin furnesses of the Michae-Tagil'skiy metallurgicheskiy kombinat (Michael Tagil Metallurgical Combine).

Its stability proved to be higher than that of normal Dinns, as is seen from the work of G.V. Gurskiy, I.S. Kaynarskiy, A.P. Klyucherov, B.Ye. Pindrik. A process for the technical production of this material has been developed by the Ukrainskiv nauchno-issledovatel'skiy institut ogneuporov(Ukrainian Scientific Research Institute for Refractory Products). Because of the low press capacity of the Pervoural'skiy dinacovyy zavod (Pervoural'sk Dinas Works) it has not been possible to increase production sufficiently. Ural'skoye otdeleniye Leningradskogo instituta ogneuporov (Ural Branch of the Leningrad Institute for

Card 1/2

Testing of Dinas Bricks Containing Magnesium and Manganese in the Vaults of Martin Furnaces

SOV/131-58-10-7/11

Refractory Products) recommended that the properties of the Dinas be improved by adding about 0,6 % MnO and 0,2 % MgO. The table shows the chemical composition and the physicomechanical properties of Dinas MeD with high magnesium and manganese content in comparison with Dinas WeD, and normal Dinas. The tests carried out proved that Dinas MeD and VED are equally thermostable, but that the agglomeration of the former is inferior to that of the latter.

There are 1 table and 1 reference which is Soviet.

ASSOCIATION:

Nishne-Tagil'skiy metallurgicheskiy kombinat (Nizhmiy Tagil Metallurgical Combine)

Card 2/2

15 (2) AUTHORS:	Elyucherov, A. P., Vydrina, 2h. A.	8/131/60/000/02/008/014 B015/B008
TITLE	Pest of Periolase-forsterite Bricks in Furnaces	n Regenerators of Martin
PERIODICAL	Ogneupory, 1960, Er 2, pp 85-87 (USSR	
abstract:	This investigation was carried out in Tagil'skiy metallurgioheskiy kombinat gioal Kombinat) and is described by t furnaces were heated by blast-furnace of oxygen. The following persons part gations: I. I. Leeunov (deceased), S. Pologova, Ye. K. Koshevnikova, P. E.	he authors. The Martin gas under the addition icipated in the investi- H. Galakhmatov, L. P.
	from magnesites of the Onotskoye depo the procedure by the Vostochnyy nauch proyektnyy institut ogneuporov (Easte	sit in accordance with ano-issledovatel'skiy i orn Scientific Research-
Card 1/2	periclase-forsterite bricks is mention temperature fluctuations of the upper masonry are given in table 2. The pro-	nert of the regenerator
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ELYUCKEROV, A.P.; EDEDEATIVEV, S.E.; Prinimali uchastive: OUSARDV, F.V.;

UDOV MILO, V.O.; PETROV, G.A.; EURESER, V.Io.; SENOMIN, I.A.;

KURIE, T.C.A.; GALAIRMATOV, S.E.; SIMIMA, L.P.; SHISHARIN, B.M.;

KURIEL, R.V.; EURGISTROV, K.A.; SHIRRIN, I.A.; SHOKKERO, F.W.;

GOESHILOV, Tu.V.; EURGISTROV, E.V.; OUSARDV, A.K.; BOLOTOV, P.O.

Heat insulation of open-hearth furnace growns. Metallurg 5 no.11;

14-17 H '60.

1. Hishe-Tagil'skiy metallurgicheskiy kombinat.

(Open-hearth furnaces-Design and construction)

(Insulation (Beat))

PET	ROV, G.A.; KLEUCHEROV, A.P.; SHISHARIN, B.N.	
	- Oleaning open-hearth furnace regenerator checkers. no.4:19-20 Ap '61,	Metallurg 6 (MIRA 14:3)
	1. Nishne-Tagilidiy metallurgicheskiy kombinat. (Open-hearth furnaces-Equipment and st	mplies)

KLYUCHEROV, Anatoliy Pstrovich; KONDRAT'IEV, Sergey Rikolayevich;

LEREEUV, Aleksandr Aleksandrovich; VLASOV, Radem Vasil'yevich;

LITVISHEO, V.M., insh., retsensent; BUR'EOV, M.M., insh., red.;

LEPIERKIKH, B.M., kand. tekhn. nauk, red.; KONDL', V.P., tekhn.

red.

[Work experience of Hovotagil'shoys steel emslters]Opyt rabody

nishnetagil'skikh staleplavil'shohikov. Sverdlovsk, Metallurgizdat, 1963. 93 p.

(Hovotagil'skoys—Open-hearth process)

PETROV, G.A.; KLYUCHEROV, A.P.; KOEDRAT'YEV, S.N.; KORSHUNOV, V.S.; SIMOMERO, F.N.

Rapid methods of heating and fritting the hearth bottom of high capacity open-hearth furnaces. Stal' 23 no.7:611-615 Jl '63.

(MIRA 16:9)

1. Nishne-Tagil'skiy metallurgicheskiy kombinat i Voetochnyy nauchnoissledovatol'skiy i proyektnyy institut ogneuporov.

(Open-hearth furnaces—Haintenance and repair)

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CIA-RDP86-00513R000723310008-7

KLYUCHEROV, A.P.; AKSEL'ROD, L.M.; GIRITSKIKH, V.F.; ELIMOV, G.N.

Improvement of thermal processes in manut-operated open hearth furnaces. Metallurg 9 no.10s16-19 0 '64 (MIRA 18:1)

DUBROV, N.F.; KITAYEV, B.I.; KOKAREV, N.I.; UDOVENKO, V.G.; KOMORATIYEV, S.N.; ZATULOVSKAYA, Ye.Z.; KLYUGHEROY, A.P.

Review of the book by N.A. Vecher "Highly efficient operation of open-hearth furnaces." Stal 24 no.7:613-614 Jl 164. (MIRA 18:1)

l. Ural'skiy nauchno-isəledovatel'skiy institut chernykh metallov, Ural'skiy politekhnicheskiy institut i Nishne-Tagil'skiy metallurgicheskiy kombinat.

KLYUCHEHOV, A.P.; GIRITSKIKH, V.F.; SHISHARIN, B.N.

Accelerating the firing of open-hearth furnaces. Stal' 25 (MIRA 18:6)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.

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· 上於自然兩個記述 翻譯的語。但在他的語彙發展的故意的語言。 #2-44-44-44-1-4

VYDRINA, Zh.A.; KLYUCHEROV, A.P.

Investigating efficient refractories for the checkerwork of open-hearth furnaces. Stal! 25 no.6:522-528 Je '65. (MIRA 18:6)

1. Hishne-Tagil'skiy metallurgicheskiy kombinat.

NIMULIN, L.M.: HELOY, I.V.; KONEGAT'YEV, S.N.; KLYCHEROV, A.F.;
SHISHARIN, B.N.

Cleaning the checkerwork, checker flues, and smoke flues from
flue dust during the operation of an open-hearth furnace. Stal'
25 no.6:566-567 Je '65.

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metallurgichesio/
teplotekhniki i Nizhne-Tagil'skiy metallurgicheskiy kombinat.

1. 如何是我的人的人,我们就是我们的人的人,我们就是我们的人,我们不是

WYDRINA, Sh.A.; KLYUCHEROV. A.P.; ABDULINA, M.A.; NAZARENKO, A.Ye.

Testing the arown refractories presented at the 1964 All-Union Competition. Ogneupory 30 no.7:7-15 165. (MIRA 18:8)

1. Hizhne-Tagil'skiy metallurgicheskiy kombinat im. V.I.Lenina (for Vydrina, Klyucherov, Abdulina). 2. Gozuderstvennaya inspektsiya po sluzhbe i kachestvu ogneuporov (for Mazarenko).

THE PERSON BECOMES THE SHOP BELLEVILLE THE SECRET PROPERTY OF THE UBSR/Chemical Technology - Chemical Products and Their Applications - Silicates. Glass. Ceramics. Binders. I-10 : Ref Zhur - Khimiya, No 3, 1957, 9076 Abs Jour Klyucherova, V.I., and Shevelev, A.I. Author Inst Recording the Speed of Rotary Kilns at the Sukholozhsk Cement Plant. Title Tsement, 1956, No 3, 29 Orig Pub The number of hours spent in full-and Abstract half-speed operation as well as idle time for each kiln are recorded by means of a type RS-1 electric pulse counter (produced by Giprotsement) a type DI-3 pulse emitter is used. The speed of the kiln is recorded with a type SG-3 recording millovoltmeter. Sukholozhskiy toementryy zavod Card 1/2

ARATUROV, A.I.; VINOGRADOV, N.A.; DUBROVA, G.B.; LOTOREV, L.M.; ZORIW, S.B.;

VASILIVEV, A.A.; VOLORITIM, A.S.; REMOVERSHIY, A.I.; PEMAKKOV, M.S.;

NEZEWISEV, P.V.; INDORNIM, H.I.; DANILOV, N.M.; LIMISHEV, M.YA.;

MUTEROVICH, I.I.; LETURGEV, A.Y..; SANTCHEV, V.O.; EAVILOVICH, N.A.;

EVOCSILISKIY, M.M.; GITLITE, S.A.; REVECHERIO, M.S.; MIRCE, L.P.;

EMPEROUNDYA, F.V.; CHOOVANCE, Sh.K.; RYECHERIO, A.A.; BOCHAROVA, M.P.;

CAGLOTEVA, M.A.; KETUROVA, T.B.

Rubinshtein, drigorii Leonidevich; 1891-1959. Sov. torg. 33 no.12:56

(MIRA 13:2)

D '59.

(Rubinshtein, Origorii Leonidevich, 1891-1959)

SIKOY, Aleksey Ivenovich; KLTUCHEY, Mikheil Vesil'yevich; LADYGIN, A.M., otv.red.; SHOROKHOVA, A.V., red.isd-ve; KADEINTAYA, A.A., tekhn.red.; LONILINA, L.W., tekhn.red. [K-56 coal combine] Ugol'nyi kombain K-56. Moskve, Ugletekhisdat, (NIRA 12:6) 1959. 60 p. (Coal mining machinery)

CIA-RDP86-00513R000723310008-7" APPROVED FOR RELEASE: 06/19/2000

KLYUCHEV, V. I.

Klyuchev, V. I. — "Design of an Asynchronous Electredrive with Cheking of Saturation and with Submagnetisation of the Motor." Hin Higher Education USSR, Mescow Order of Lenin Power Engineering Inst ineni V. M. Molotov, Moscow, 1955 (Dissertation for Degree of Candidate of Technical Sciences).

80: Knishnaya Letopis', No. 23, Moscow, June, 1955, pp. 87-104.

APPROVED FOR RELEASE: 06/19/2000 CIA-RDP86-00513R000723310008-7"

KLYUCHEV, VI

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PHASE I BOOK EXPLOITATION

SOV/2347

- Tolokonnikov, Leonid Stepanovich, Mikhail Mikhaylovich Sokolov, Abram Solomonovich in Sandler, Vladimir Ivanovich Klyuchev, Yevgeniye Petrovich Ivanov, and Yevgeniye Nikolayevich Zimin
- Atlas elektromekhanicheskikh promyshlennykh ustanovok, ch. 1. Elektroprivod i peredatochnyye mekhanizmy (Atlas of Electromechanical Industrial Installations, Pt. 1. Electric Drive and Transmission Mechanisms) Moscow, Gosenergoizdat, 1958. 140 p. 6,500 copies printed.
- Chief Ed.: M.G. Chilikin; Eds. (Title page): A.T. Golovan and Leonid Stepanovich Tolokonnikov; Ed. (Inside book): A.L. Saparova; Tech. Ed.: N.I. Borunov.
- PURPOSE: The atlas is intended as a manual for students working on machine parts projects and on term and diploma projects related to electrical equipment for drives.
- COVERAGE: The atlas presents electromechanical installations for driving, hoisting, and transporting mechanisms (cranes, excavators, hoists, conveyers), rolling mills (continuous rolling mills), metal forming equipment, metal-cutting machine tools and automatic transfer lines. Drawings of general views of mechanisms and drives with the distribution of electrical equipment, elementary circuits and Card 1/4

Atlas of Electromechanical Industrial Installations (Cont.) SOV/2347

wiring diagrams with the noessary explanations are presented. The mechanical and electrical parts of every mechanism or device are closely related in the manual to enable joint treatment of the sugject and to improve the level of preparation for design. In compiling the atlas most recent design material of the following institutions was used: scientific research institutes VNIIPTMASh; Take "Elektroprivod," TaniiTMASh, NiiProdmash, PKO "Soyuzprommekhanizatsiya," GPI, Tyazhpromelektroproyekt, Institutes MEI and HISI; and Plants "Dinemo" and "Pod"yemnik." No personalities are mentioned. There are

TABLE OF CONTENTS:

PART I. HOISTING AND TRANSPORTING MECHANISMS

Foreword

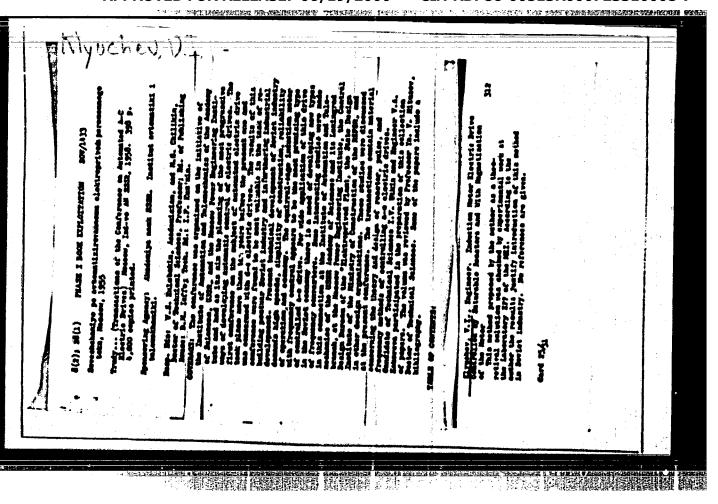
Cranes

Bridge cranes
5-ton portable fib crane
10-ton floating crane
Card 2/4

7

Sheets 1-10 Sheets 11-14 Sheets 15-17

Atlas of Bloot	Powechanical Industrial	Installations (Co	at.) 807/234	7
Diagrams of Electric hos Excavators Conveying m	control systems for or lists	ane electric-drive	Shee Shee Shee	te 15-26 te 27-29 te 30-34
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Universal dynamic braking characteristics for an induction motor.

Elektrichestvo no.1:14-18 Ja '58. (MIRA 11:2)

1.Moskovskiy energeticheskiy institut.
(Electric motors, induction)

AUTHORS:

Elyuphev. V. I., Candidate of Technical Sciences, 105-58-6-15/33

AS A FIGURAL PROPERTY.

Yakovlev, V. I., Candidate of Technical Sciences

TITLE:

Use of Magnetic Amplifiers for the Control of the Generator-Motor System in Electric Excavator Drives (Primeneniye magnitnykh usiliteley dlya upravleniya sistemoy generator -dvigatel

v elektroprivodakh ekskavatorov)

PERIODICAL:

Elektrichestvo, 1958, Nr 6, pp. 59-63 (USSR)

ABSTRACT:

In order to investigate the problem of the technical possibilities of an arrangement with a magnetic amplifiers generator exciter the technological requirements of the electric drive of an excavator are analysed. The safeguard of the required time in the transient processes of starting, turning, and braking is most important for their favorable progress as well as the limiting of the electric-motor current during the transient processes. Because offthe considerable electromagnetic inertia of the generator the guarantee of the required time by the transient processes is connected with the necessity of forcing their excitation. In the arrangement with one electrodynamic amplifier (EDA) and one magnetic intermediate amplifier (MIA) the generator excitation processes are

Card 1/3

· 扩充:国际通过数据的数据定据 1880年度 TARSENDER 全文学等形式系统。上 1887年

Use of Magnetic Amplifiers for the Control of the Generator- 105-58-6-15/33 -Motor System in Electric Excavator Drives

forced by means of a rigid negative return coupling to the generator voltage and a limitation of purrent by the use of a negative connection to the armature current by cutting-off. This diagram excludes favorable characterisic properties for the electric drive of the turning. The character of the transient processes is not changed essentially by the substitution of the EDA-HIA cascade by a magnetic amplifier without changing the diagram and the return-coupling character. A diagram is shown here which renders the use of the magnetic amplifier for a direct control of the generator field in the excavator drives more expedient. The characteristic excavator properties of the electric drive are produced in this case by using the nonlinearity of the characteristic curve of the magnetic amplifier, the continuous current return coupling, and the positive voltage return coupling. In order to increase the reliability of the modor-current limitation the negative current connection is made by introducing the control winding circuit of the armature-current circuit into the current circuit. In this case the voltage drop of the control winding circuit is proportional to the armature current, and thus the number of control cirouits and of control contacts is decreased, too. -From Sept-

Card 2/3

Use of Magnetic Amplifiers for the Control of the Generator 105-58-6-15/35 -Motor System in Electric Excavator Drives

ember to October 1957 industrial tests of the electric drives were made in the Kounrad Mine at the excavator EWI-8 (E-6) according to the diagram with EDA and NIA and to that with a magnetic amplifier. The analysis of the oscillograms proves the correctness of the results in the comparison of the investigated diagrams and shows that the system with a magnetic power amplifier guarantees higher qualitative and quantitative indices. The tests were made with all the three basic electric drives of the excavator(turning, raising, pressing) and showed analogous results. The theoretical analysis and the test results of the arrangement generator-motor with a magnetic amplifier prove the great technical possibilities of this diagram. The simplicity of this diagram and the absence of any oscillation tendency essentially simplify the adjustment. There are 5 figures and 1 Soviet reference

[4] 经分类编码的相限图象的数,**可能可能对用性的**用性的一种的对数据的问题,例如如:是一个第一个第一个一个一个一个一个,就是**的多种的运动的心理和他们用理点这多数图 医细胞**

ASSOCIATION:

Moskovskiy energeticheskiy institut(Moscow Institute of Power

Engineering)

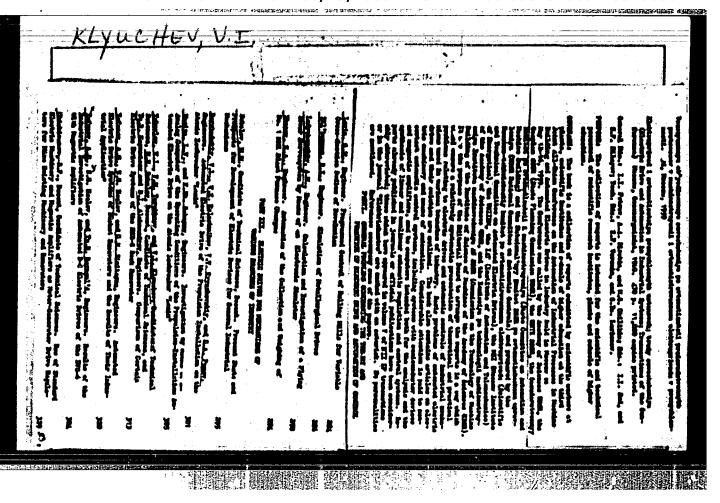
SUBMITTED:

November 18, 1957

1. Magnetic amplifiers--Performance 2. Motor generators--Control

Card 3/3

3. Earth moving equipment -- Control systems



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